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T Harris... - ACM SIGPLAN Notices, 2003 - dl.acm.org
... field, and finally between CCRs that hold a **mutex** and other ac- quire/release operations on that
lock. ... **threads** then either (i) all accesses to it must be controlled by a given **mutex**, (ii) all ... In our
implementation an address of type addr is an ordinary **pointer** into the heap and an ...
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DR Butenhof - 1997 - books.google.com
... 2 Never bet your mortgage on a **thread** race 293 8.1.3 Cooperate to avoid deadlocks 297
8.1.4 Beware of **priority** inversion 299 8.1 ... c 50 mutex_dynamic.c 50 alarm_mutex.c part 1
definitions 52 alarm **mutex**.c part 2 alarm **thread** 54 alarm_mutex.c part 3 main 56 try **lock**, c 59 ...
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H Shen, A Charlet... - Reliable Software Technologies---Ada- ..., 1999 - Springer
... That makes these operations much simpler to implement than the POSIX **thread mutex** operations ...
if Current_Task.LL.Outer_Lock = null then -- If this **lock** is not nested, record a **pointer** to it ... procedure
Unlock (L : access **Lock**) is Flags : Integer; begin -- Now that the **lock** is released ...
Cited by 4 - Related articles - All 3 versions

[PDF] Monitors and Exceptions: How to implement Java efficiently   [PDF] from psu.edu
A Krall... - Concurrency - Practice and Experience, 1998 - Citeseer
... number of **lock**/unlock pairs 1818889 420146 2837 1558370 124956 ... The rea- son for the higher
cost of **mutex** operations in the tree test is that this test violates the locality ... Typical implicit
exceptions are references to the null **pointer**, array index out of bounds and division by zero ...
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E Bensley, P Krupp, RA Sigel... - ... Oriented Real-Time ..., 1996 - ieeexplore.ieee.org
... Broadcast, * **Lock** associated **mutex**. ... Broadcast and Unlock the associated **mutex**, ... A user of a Zip
database is required to specify four fields for each attribute, the connection id of the database,
the character name of the column in the relation, a **pointer** to the actual variable being ...
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... a **mutex** can only be unlocked by the **thread** that last locked the **mutex** (the mu ... a foreign counting
semaphore with count initialised to 1. EuLisp uses a boxed C **pointer** to handle ... The EuLisp func-
tions **lock** and unlock are straight out-calls to foreign semaphore functions wait and ...
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MH Lutz... - Software, IEEE, 2003 - ieeexplore.ieee.org
... A system **pointer**, NextObjPtr, always points to the loca- tion for the next dynamic memory alloca-
tion ... A **mutex** is semantically equiva- lent to a **lock**, with the additional capa- bility of ... 5 According
to these experiments, however, at least in the case of .NET's **lock** mechanism, **priority** ...
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MA Rivas ... - ACM SIGAda Ada Letters, 2002 - dl.acm.org
... **Pointer** to the **mutex** DESTROY_- **MUTEX** A task has destroyed an applica- tion-scheduled
mutex Pointer to the **mutex** LOCK_MUTEX A task has invoked a "**lock**" operation on an
available appli- cation- scheduled **mutex Pointer** to the **mutex** ...
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interconnect
F Pétrot... - Design, Automation and Test in Europe ..., 2003 - ieeexplore.ieee.org
... In our implementation, the **thread** identi- fier is a **pointer** to the **thread** structure ... To avoid a big
lock on the scheduler, every **mutex** and semaphore has its own **lock** ... until scheduler creation by
processor 0 while scheduler_created = 0 end while Acquire the scheduler **lock** to execute ...
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